

SEQUENCE LISTING

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5	Lys	Arg	Ser	His	Ile	Arg	Arg	Tyr	Val	Ser	Val	Ser	Ser	Asn	His	Gln
				420					425					430		
	Ala	Arg	Pro	Asn	Ser	Phe	Ala	Glu	Phe	Leu	Asn	Lys	Thr	Tyr	Ser	Ser
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		450														
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	1				5					10					15	
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				20					25					30		
20	Ile	Lys	Asp	Leu	Lys	Lys	Pro	Cys	Ile	Thr	Leu	Gly	Lys	Ala	Pro	Asp
			35					40					45			
	Leu	Asn	Lys	Ala	Tyr	Lys	Ser	Val	Leu	Ser	Gly	Met	Ser	Ala	Ala	Lys
		50					55				60					
	Leu	Asn	Pro	Asp	Asp	Val	Cys	Ser	Tyr	Leu	Ala	Ala	Ala	Met	Gln	Phe
	65				70					75					80	
25	Phe	Glu	Gly	Thr	Cys	Pro	Glu	Asp	Trp	Thr	Ser	Tyr	Gly	Ile	Val	Ile
				85					90					95		
	Ala	Arg	Lys	Gly	Asp	Lys	Ile	Thr	Pro	Gly	Ser	Leu	Val	Glu	Ile	Lys
				100					105					110		
30	Arg	Thr	Asp	Val	Glu	Gly	Asn	Trp	Ala	Leu	Thr	Gly	Gly	Met	Glu	Leu
			115					120					125			
	Thr	Arg	Asp	Pro	Thr	Val	Pro	Glu	His	Ala	Ser	Leu	Val	Gly	Leu	Leu
		130					135					140				
	Leu	Ser	Leu	Tyr	Arg	Leu	Ser	Lys	Ile	Ser	Gly	Gln	Asn	Thr	Gly	Asn
		145			150					155					160	
35	Tyr	Lys	Thr	Asn	Ile	Ala	Asp	Arg	Ile	Glu	Gln	Ile	Phe	Glu	Thr	Ala
				165					170					175		
	Pro	Phe	Val	Lys	Ile	Val	Glu	His	His	Thr	Leu	Met	Thr	Thr	His	Lys
				180					185					190		
40	Met	Cys	Ala	Asn	Trp	Ser	Thr	Ile	Pro	Asn	Phe	Arg	Phe	Leu	Ala	Gly
		195						200					205			
	Thr	Tyr	Asp	Met	Phe	Phe	Ser	Arg	Ile	Glu	His	Leu	Tyr	Ser	Ala	Ile
		210					215					220				
	Arg	Val	Gly	Thr	Val	Val	Thr	Ala	Tyr	Glu	Asp	Cys	Ser	Gly	Leu	Val
		225			230					235					240	
45	Ser	Phe	Thr	Gly	Phe	Ile	Lys	Gln	Ile	Asn	Leu	Thr	Ala	Arg	Glu	Ala
				245					250					255		
	Ile	Leu	Tyr	Phe	Phe	His	Lys	Asn	Phe	Glu	Glu	Glu	Ile	Arg	Arg	Met
			260					265					270			
50	Phe	Glu	Pro	Gly	Gln	Glu	Thr	Ala	Val	Pro	His	Ser	Tyr	Phe	Ile	His
		275					280					285				
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		290					295				300					

[illegible]